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Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/783,844
		Filing Date	2/20/04
		First Named Inventor	Mergens
		Group Art Unit	2811
		Examiner Name	Not yet assigned
Total Number of Pages in This Submission		Attorney Docket Number	SAR 14182A

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (<i>Appeal Notice, Brief, Reply Brief</i>)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Preliminary Amendment with 5 sheets Annotated drawings and 5 sheets Replacement drawings
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Steven M. Hertzberg, Attorney Moser, Patterson & Sheridan LLP
Signature	
Date	August 23, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kathleen Faughnan
Signature	
	Date 8/23/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon on the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AUG 25 2004
PATENT & TRADEMARK OFFICE
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)
744

Complete if Known	
Application Number	10/783,844
Filing Date	2/20/04
First Named Inventor	Mergens
Examiner Name	Not yet assigned
Group / Art Unit	2811
Attorney Docket No.	SAR 14182A

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None
 Deposit AccountDeposit
Account
Number

20-0782

Deposit
Account
Name

Moser, Patterson & Sheridan LLP

The Director is authorized to: (Check all that apply)

-
- Charge fee(s) indicated below
-
- Credit any overpayments
-
-
- Charge any additional fee(s) or any underpayment of fee(s)
-
-
- Charge fee(s) indicated below, except for the filing fee
-
- to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)
0

2. EXTRA CLAIM FEES

Total Claims	48	-21 **	= 27	X 18	= 486
Independent Claims	10	-7 **	= 3	X 86	= 258
Multiple Dependent	0			X	= 0

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid ** Reissue independent claims over original patent
1204	86	2204	43	** Reissue claims in excess of 20 and over original patent
1205	18	2205	9	

SUBTOTAL (2)

(\$)
744

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES						
Large Entity	Small Entity	Fee Description				Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1051	130	2051	65	Surcharge - late filing fee or oath		
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
1053	130	1053	130	Non-English specification		
1812	2,520	1812	2,520	For filing a request for reexamination		
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
1251	110	2251	55	Extension for reply within first month		
1252	420	2252	210	Extension for reply within second month		
1253	950	2253	475	Extension for reply within third month		
1254	1,480	2254	740	Extension for reply within fourth month		
1255	2,010	2255	1,005	Extension for reply within fifth month		
1401	330	2401	165	Notice of Appeal		
1402	330	2402	165	Filing a brief in support of an appeal		
1403	290	2403	145	Request for oral hearing		
1451	1,510	2451	1,510	Petition to institute a public use proceeding		
1452	110	2452	55	Petition to revive – unavoidable		
1453	1,330	2453	665	Petition to revive – unintentional		
1501	1,330	2501	665	Utility issue fee (or reissue)		
1502	480	2502	240	Design issue fee		
1503	640	2503	320	Plant issue fee		
1460	130	1460	130	Petitions to the Commissioner		
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)		
1806	180	1806	180	Submission of Information Disclosure Stmt		
8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		
1801	770	2801	385	Request for Continued Examination (RCE)		
1802	900	1802	900	Request for expedited examination of a design application		
Other fee (specify) _____						

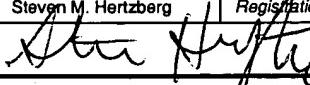
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)
0

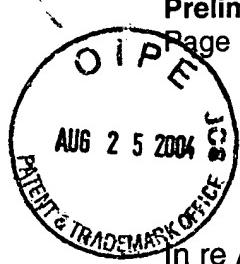
SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Steven M. Hertzberg	Registration No. Attorney/Agent)	41,834	Telephone	(732) 530-9404
Signature				Date	8/23/04

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Preliminary Amendment

Page 1 of 27

Atty. Dkt. SAR/14182A
Serial No. : 10/783,844

IFW ✓

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Mergens, et al.

Serial No.: 10/783,844

Filed: February 20, 2004

Confirmation No.: 7496

For: ELECTROSTATIC
DISCHARGE
PROTECTION
STRUCTURES HAVING
HIGH HOLDING
CURRENT FOR LATCH-
UP IMMUNITY

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Group Art Unit: 2811

Examiner: Not yet assigned

Docket: SAR 14182A

CERTIFICATE OF MAILING 37 CFR 1.8
<p>I hereby certify that this correspondence is being deposited on <u>8/23</u>, 2004 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</p> <p><u>8/23/04</u> <u>Kathy Soren</u></p> <p>Date Signature</p>

Dear Sir:

PRELIMINARY AMENDMENT

Prior to examination, please amend the above-identified application as follows:

Amendments to the Drawings begin on page 2 of this paper, and include both attached replacement sheets and annotated sheets showing changes. Amendments to the Specification begin on page 3 of this paper. Amendments to the Claims begin on page 13 of this paper. Remarks begin on page 25 of this paper.

08/26/2004 WASFAW1 00000034 200782 10783844
01 FC:1202 486.00 DA
02 FC:1201 258.00 DA

IN THE DRAWINGS:

The attached sheets of drawings include changes to Figures 2, 5, 6, 7 and 8. These sheets, which include Figs. 2, and 5-8, replace the original sheets including Figs. 2 and 5-8.

Attachment: **Replacement Sheets**
Annotated Sheet Showing Changes